ENHANCED ENGLISH ABSTRACT FR2378094

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Derwent Accession :
 1978-76898A [43]
Title :
 Biological reagent for diagnosis of specific illnesses having an
 oxidised gluco-protein antibody on an insoluble support
Derwent Class :
 B04 S03 S05
Additional Words :
 GERMAN MEASLES INFLUENZA VIRUS CARIES DISEASE
Patent Assignee :
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Inventor :
 QUASH G
Nbr of Patents :
Nbr of Countries :
Patent Number :
 FR2378094
                 A 19780922 DW1978-43 Fre *
 AP: 1975FR-0034627 19751113, 1977FR-0001889 19770124
Intl Patent Class :
 C12K-001/04; G01N-033/16
EPO Class Codes :
 G01N-033/543
Abstract :
 FR2378094 A
 Biological reagents for the diagnosis of specific illnesses and
 pathological states, have a specific antibody contq. a glucoprotein on
 an insoluble support which may be a polymer esp. a latex, a dextran or
 agar gel, or activated glass, pref. in the form of balls or micro-balls.
 The support carries a side chain on which is covalently fixed an amine,
 polyamine, diacid, aminoacid, or an aromatic or aliphatic hydrazine,
 opt. with an acid function and opt. themselves coupled through-NH2 to an
 aliphatic or aromatic amine or hydrazine, an amino acid, and opt.
 carrying an -SH or -NH2 gp. and capable of forming a heterocycle in the
 presence of an aldehyde qp. on the antibody fixed on the support.
 Reagent has good stability and sensitivity. typically it is used to test
 for measles, German measles, influenza, cytomegalic virus, Carres
 disease. The antibody may be a fibrinogen degradation gammaglobulin
 byproduct, or a hormone esp. human chlorionic gonadotrophin.
Manual Codes :
 CPI: B04-B02B B04-B02D B04-B04A B04-B04C B04-C02 B04-C03 B04-D02
 B11-C07A B12-K04
Update Basic :
 1978-43
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